

IN THE CLAIMS:

Please amend claims 1-12 as follows:

1. (Currently Amended) A graphical user interface for displaying a menu on a display screen on the basis of a predefined manipulation of an input device, comprising:

input device monitoring means for monitoring at least one of a location and an actuation state of the input device;

cursor display control means for displaying a cursor on the display screen based on the location of information from the input device monitoring means; and

menu display control means for selecting and displaying on the display screen a single menu of a plurality of menus, at a same location as the cursor on the display screen, and on the basis of at least one of:

a number of consecutive actuations of the same input device in a predetermined time interval for the cursor located at a single location on the display screen; and

a duration time of an actuation of the same input device for the cursor located at a single location on the display screen.

2. (Currently Amended) A graphical user interface for displaying a menu on ~~the~~ a display screen ~~on the basis of~~ based on a predefined manipulation of an input device, comprising:

menu item management means for selecting and arranging items displayed in each ~~one menu~~ menu of a plurality of menus;

receiving means for receiving an event alert message responsive to a predefined manipulation of ~~an~~ the input device;

cursor display control means for displaying a cursor on the display screen based on ~~the location of~~ information from the input device; and

menu display control means for displaying a selected one of said plurality of menus at a same location on the display screen as said cursor based on the basis of a predefined number of said event alert messages that are received within a predetermined time interval,

wherein said menu display control means ~~including~~ includes at least one of an event alert counter and an event alert timer,

wherein said event alert counter ~~counting~~ counts a number of said event alert messages received for said cursor located at a single location on the display screen, and

wherein said event alert timer ~~timing~~ times a duration time of an actuation of the ~~same~~ input device for said cursor located at a single location on the display screen.

3. (Currently Amended) A graphical user interface according to claim 2,

wherein a cursor location parameter IParam, corresponding to a position of said location information from the input device, is transmitted with each said event alert message,

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wherein said display control means ~~verifying~~ verifies whether a difference between a first IParam, corresponding to ~~the~~ a location of the said cursor on the display screen when a first event alert message is generated, is within a predefined distance D of a second IParam corresponding to ~~the~~ a location of the said cursor on the display screen when a second event alert message is generated;

wherein said event alert counter and said event alert timer are reset to zero and said first and second event alert messages are not considered related events if said difference exceeds said predefined distance D, and

wherein said cursor is determined to be at said same location on the display screen when said difference does not exceed said predefined distance D.

4. (Currently Amended) A graphical user interface for displaying a menu on a display screen and positioning a cursor on a particular portion of the menu based on the basis of a predefined manipulation of an input device, the menu including a plurality of menu elements or commands which are grouped in a predefined manner, said the graphical user interface comprising:

input device monitoring means for monitoring at least one of a location information from and an actuation state of the input device;

cursor display control means for displaying a ~~the~~ cursor based on the location of information from the input device; and

C1 menu display control means for displaying the menu at a same location on the display screen as ~~said the~~ cursor in response to a first actuation of the input device, the menu being divided into a predetermined number of regions, each of said region regions corresponding to a particular group of the plurality of menu elements;

wherein said cursor display control means positions the cursor on a selected ~~said region of said predetermined number of regions of the menu~~ based on the basis of at least one of:

a number of consecutive actuations of a ~~same the~~ input device in a predetermined time interval for the cursor located at a single location on the display screen; and

a duration time of an actuation of the ~~same input device~~ for the cursor located at a single location on the display screen.

5. (Currently Amended) A graphical user interface according to claim 4,

wherein: said input device monitoring means receives predefined event alert messages in response to a predefined manipulation of ~~an the~~ input device; and

wherein said cursor display control means positions the cursor on a said selected said region of the menu based on the basis of a predefined number of event alert messages received within a said predetermined time interval.

6. (Currently Amended) A graphical user interface according to claim 5,

wherein a cursor location parameter IParam, corresponding to ~~a position of~~ said location information from the input device, is transmitted with each said event alert message,

wherein said display control means includes at least one of an event alert counter and an event alert timer, said event alert counter counting a number of event alert messages received for the cursor at said single location, and said event alert ~~counter timer~~ timing a duration time of ~~an said~~ actuation of the input device for the cursor at said single location,

wherein said display control means ~~verifying~~ verifies whether a difference between a first IParam, corresponding to ~~the a~~ location of the cursor when a first event alert message is generated, is within a predefined distance D of a second IParam corresponding to ~~the a~~ location of the cursor when a second event alert message is generated;

wherein said event alert counter and said event alert timer are reset to zero and said first and second event alert messages are not considered related events if said difference exceeds said predefined distance D, and

wherein said cursor is determined to be at said same location on the display screen when said difference does not exceed said predefined distance D.

C1 7. (Currently Amended) A computer system for displaying a selected menu of a plurality of menus on a display screen based on the basis of a manipulation of an input device, comprising:

receiving means for receiving an event alert message from an operating system, said event alert message alerting the said receiving means to an occurrence of a particular manipulation of a same the input device;

cursor display control means for displaying a cursor on the display screen based on the location of information from the input device; and

menu display control means for displaying a the selected said menu at a same location on the display screen as said cursor based on the basis of at least one of:

a duration time of said particular manipulation calculated as a time difference between receipt of a first event alert message and receipt of a second event alert message for said cursor located at a single location on the display screen; and

a number of event alert messages received in a predetermined time interval for said cursor located at a single location on the display screen.

8. (Currently Amended) A computer system according to claim 7, further comprising menu item management means for selecting and arranging items displayed in each ~~one of a menu of the plurality of menus.~~

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9. (Currently Amended) A computer system according to claim 7, wherein a cursor location parameter IParam is transmitted with each of said first and second event alert messages, said cursor location parameter IParam including coordinates of a said cursor during generation of an event alert message;

wherein said display control means includes at least one of an event alert counter and an event alert timer, said event alert counter counting a number of event alert messages received, and said event alert ~~counter-timer~~ timer timing a duration time of an actuation of the input device;

said display control means ~~verifying-verifies~~ whether a difference between a first IParam, corresponding to ~~the~~ a location of the said cursor on the display screen when said first event alert message is generated, is within a predefined distance D of a second IParam corresponding to ~~the~~ a location of the said cursor on the display screen when said second event alert message is generated;

wherein said event alert counter and said event alert timer are reset to zero and said first and second event alert messages are not considered related events if said difference exceeds said predefined distance D, and

wherein said cursor is determined to be at said same location on the display screen when said difference does not exceed said predefined distance D.

10. (Currently Amended) A computer readable storage medium storing a computer program for displaying a selected menu of a plurality of menus on the a display screen of a computer based on the basis of a manipulation of a same an input device, comprising:

program code means responsive to an event alert message from an operating system of a the computer upon a particular manipulation of an the input device;
and

cursor display control means for displaying a cursor on the display screen based on the location of information from the input device; and

program code means for displaying a the selected menu at a same location on the display screen as said cursor based on the basis of at least one of:

the a number of event alert message messages received within a predetermined time interval for said cursor at said same location; and

a duration time corresponding to an actuation of said the input device calculated as a difference between receipt of a first event alert message and receipt of a second event alert message for said cursor at said same location.

11. (Currently Amended) A computer readable storage medium according to claim 10, wherein said computer program further comprises menu item management means for selecting and arranging items displayed in each one of a the plurality of menus.

12. (Currently Amended) A computer readable storage medium according to claim 10,

wherein a cursor location parameter IParam is transmitted with each of said first and second event alert messages, said location parameter IParam includes location coordinates of a said cursor corresponding to a position of said location information from the input device;

wherein said display control means includes at least one of an event alert counter and an event alert timer, said event alert counter counting a number of event alert messages received, and said event alert ~~counter~~ timer timing a duration time of an said actuation of the input device;

wherein said display control means ~~verifying~~ verifies whether a difference between a first IParam, corresponding to ~~the~~ a location of ~~the~~ said cursor when said first event alert message is generated, is within a predefined distance D of a second IParam corresponding to ~~the~~ a location of ~~the~~ said cursor when said second event alert message is generated;

wherein said event alert counter and said event alert timer are reset to zero and said first and second event alert messages are not considered related events if said difference exceeds said predefined distance D, and

wherein said cursor is determined to be at said same location when said difference does not exceed said predefined distance D.